



Typical Installation of Water Heater

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INSTALLATION CHECKLIST

Shed clearance to side property line is 2 feet 6 inches and 3 feet to rear property line. Verify approved location with staff at the Planning counter.

Termination of "B" vent shall be minimum 4 feet from the property line. Gravity vents shall extend in a generally vertical direction with offsets not exceeding 45 degrees.

Double wall type "B" vent requires minimum 1" clearance to combustible materials. Double wall vent is required outside of the enclosure.

Single wall vent connector must be secured to down draft diverter and "B" vent with sheet metal screws.

A cold water shut off valve shall be installed for the service or replacement of the water heater.

Approved flexible water connectors are approved for water supply to heater within the enclosure only.

Combustion air openings in an exterior wall of 1 sq. in. per 4000 Btu rating of water heater is required within the upper and lower 12 inches of the enclosure.

A pressure/temperature relief valve is required to be installed on the water heater.

Terminate the discharge line of the relief valve no more than 2 feet, nor less than 6 inches above the ground. The end of the discharge line may not be threaded.

The water heater shall be anchored or strapped with approved materials to resist horizontal displacement due to earthquake motion. Strapping shall be at points within the upper (1/3) one third and lower (1/3) one third of its vertical dimension. At the lower point, a minimum distance of 4 inches shall be maintained above the controls with the strapping.

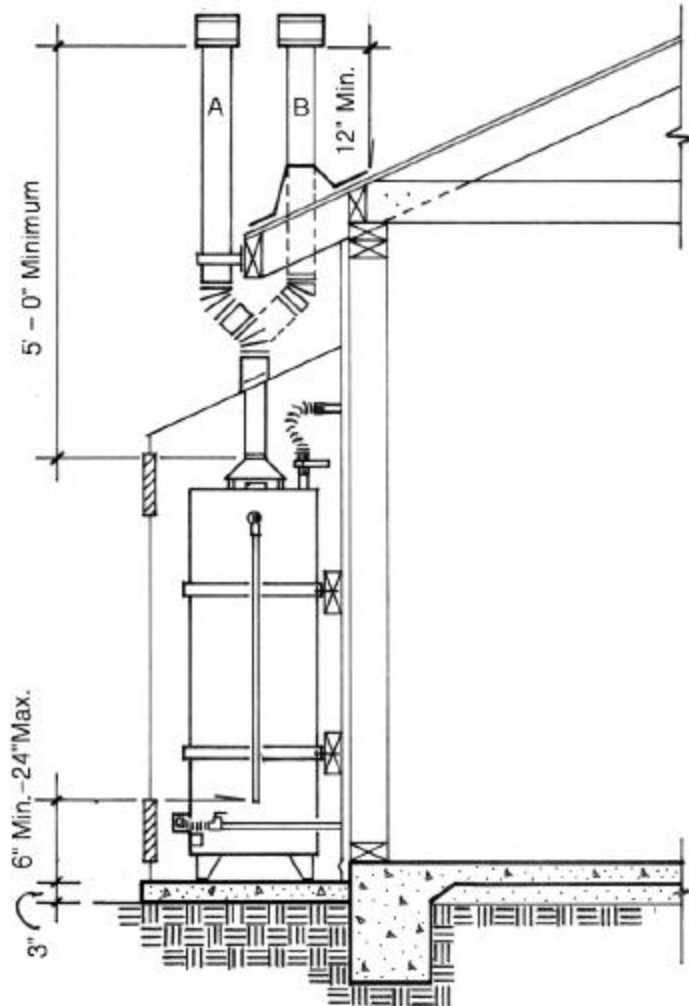
An approved gas shut-off valve is required to be installed at the gas piping outlet, immediately ahead of the flex connector, and must be accessible.

A gas flex connector is limited to 3 feet in length.

An air pressure test is required for installation of new a gas line if the new line exceeds 6 feet. The test consists of pumping air into the new line to a pressure of 10 pounds per square inch for a period of 15 minutes without loss of pressure. The test must be witnessed by an inspector.

TYPICAL INSTALLATION OF WATER HEATER IN METAL SHED

Choose Vent Option "A" or "B"



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